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Telegraphic Addresses : "Adamant, Birmingham."

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THE  
ADAMANT  
COMPANY,  
LTD.

Registered Offices and Works :

6 TO 11, COMMERCIAL STREET,

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42, BERNERS STREET,

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ENTERED AT STATIONERS' HALL.







TELEPHONE NO. 489

TELEGRAPHIC ADDRESSES:

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"ADAMANT, NEWCASTLE-ON-TYNE."

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LIMITED.

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SECRETARY :  
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*Entered at Stationers' Hall.*

GEO. OWEN, FLORENCE ST., B'HAM.







Birmingham Waterproof  
Cement, Fireproof Floors  
and Ceilings, Fibrous  
Slabs, Pugging Slabs.

Highest Awards each time of  
exhibiting.

New York, 1888 ;

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ADAMANT PLASTER  
and CHROMOLITH, for  
Walls, Ceilings, Cornices,  
Enrichments, etc., etc.  
Brit-Opal Wall Linings.  
Brit-Opal Flooring Tiles.

Estimates given for any kind  
and quantity of work, and ex-  
perienced men sent to fix to  
any part of the Kingdom.



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## Brit-Opal

### Wall Glazing.

WE desire to take this opportunity of bringing to your notice the result of some years' experience in Wall Glazing.

The tendency to crack and craze has hitherto prevented many Architects from adopting this material. We have found that this tendency is attributable to two causes ; firstly, to the furnacing or heating of the sheets or slabs of glass used for the purpose of fluxing a key or granular backing thereon after the glass has been once annealed, and the consequent production of a backing which does not possess a surface of an uniformly even character ; and secondly, by the employment of a cement for affixing the glazing to the walls or other surfaces to which it is applied which does not possess the quality of elasticity.

We avoid the first defect by entirely dispensing with firing or furnacing the glass, of whatever shape, after it has been once annealed, and the second by the use of special reliable cements, so elastic in character as to entirely avoid all risk of cracking or crazing.

As a proof of this assertion, we can show that we faced a sheet of iron with this cement and then fixed our Brit-Opal on it, and after three days the sample was subjected to the severe test of incessant tapping with a muffled hammer for ten hours consecutively.



We have experimented with this material in all directions, and are prepared to undertake contracts for the supplying and fixing it under any conditions of temperature and atmospheric variations or exposed situations.

Further, we use no material in fixing which could in any way cause trouble in the event of fire, so that we can confidently recommend Brit-Opal for all situations in which tiling is required.

**Uses to which**  
**Brit-Opal**  
**may be applied.**

Of the many uses to which Brit-Opal may be applied, the requirements of hospitals and the kitchen departments of private residences naturally come first.

Under hospitals, we can point to Guy's Hospital (Architects, Messrs. Woodd and Ainslie), where we have executed a large quantity of work in the offices, kitchens, laundry, and disinfecting departments; and, in addition, the entire tiling of the swimming bath from floor to ceiling, including the passages, dressing-boxes, and gymnasium (see illustration, page 23).

Royal Westminster Ophthalmic Hospital, for  
 Mr. William Harvey.

Royal Free Hospital, for Mr. William Harvey.

West London Hospital, for Mr. William Harvey.

Western Ophthalmic Hospital, for Mr. William  
 Harvey.

Fulham Union and Infirmary, for Mr. Saxon Snell.



**Brit-Opal**  
**for producing**  
**Light and**  
**Cleanliness.**

As regards private residences, we can quote an endless number, both in London and the country, where we have lined the whole of the kitchens, sculleries, larders, w.c.'s, and bath-rooms.

For warehouses, work-rooms, and city premises, where light and cleanliness are so essential, Brit-Opal is unequalled.

It is also most suitable for and has been largely used for improving the lighting of basements and all underground rooms, cellars, and public conveniences.

Under this head we might mention that we have made a special feature of Bakeries, so as to enable owners of valuable premises to comply with the new regulations.

**Brit-Opal**  
**for Sanitary**  
**Purposes.**

For Sanitary purposes it is invaluable, as the new glass can be so fixed that no lodgment of germs can take place, and the whole surface can be washed or cleansed without any damage whatever resulting thereto.



We can produce these slabs for w.c.'s, private baths, dressing-rooms, lavatories, and urinal divisions, any size up to 7 ft. high by 6 ft. 6 in. wide and only  $\frac{3}{4}$  in. thick. They are covered both sides with OPAL GLASS, and are practically unbreakable.

### Brit=opal for Flooring Tiles, &c.

We now make Flooring Tiles (sea green) and Coved Skirtings in Brit-Opal, and have carried out all the floors of the Lavatories, W.C.'s, and Kitchens, at the West London Hospital, for Mr. William Harvey.

In conclusion, we submit hereunder a list of some of the work we have done :—

New College, Oxford : Lavatory, Bath Room, &c.

Vaynol Estate, Port Dinorwic : Laundry and Ironing Room.

Ear and Throat Hospital, Birmingham : Lavatory and W.C.

Isolation Hospital, Stafford Asylum : Kitchen and Bath Rooms.

Rodway, Horse Fair, Birmingham : Cooking Kitchen.

Wright, Ltd., Garrison Lane, Birmingham : Engine Houses.

Robin Hood Hotel, Nottingham : Lavatory, W.C.'s, and Passages.

Corporation of Birmingham, Woodcock Street : Bath, &c.

Do. Kent Street : Turkish Bath, &c.

Do. Northwood Street : Bath.

Do. Saltley : Gas Offices.

Do. Saltley : Street Urinals, &c.

Aldershot : Martin Wells & Co.

R. W. Palk, Newhall Street : Offices, Lavatory, Areas, &c.

Grand Hotel, Birmingham : Lavatory and Bath Rooms.



Hospital, Harcourt Street, Dublin : Operating Theatre.

Do. Roscommon : Infirmary Operating Theatre.

University College Hospital, London : Three Operating Theatres.

Isolation Hospital, Reigate.

Public Convenience, Fulham, S.W.

Capital and Counties Bank, London : Lavatory, &c.

Cumberland Mansions, London : Lavatory and W.C.

Bank of England, London : Lavatory and W.C.

Swan Hotel, Hammersmith, London : Lavatory and W.C.

Co-operative Stores, Fulham, London : Lavatory and W.C.

Mr. Gaunt, Stockton-on-Tees : Lavatory and W.C.

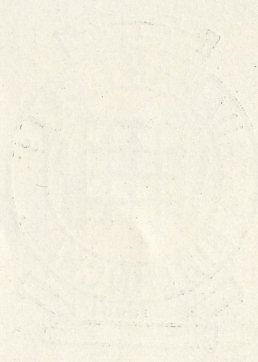
Philpot Lane : Lavatory and W.C., and  $\frac{3}{4}$ -in. divisions.

Stafford County Asylum : Lavatories, Bath Rooms, and W.C.'s.





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ADAMANT COMPANY, LIMITED,

Commercial Street, BIRMINGHAM.



The above Design is made with Brit-Opal Base,  
and the subject is in relief, being glass on glass.







## ADAMANT COMPANY, LIMITED,

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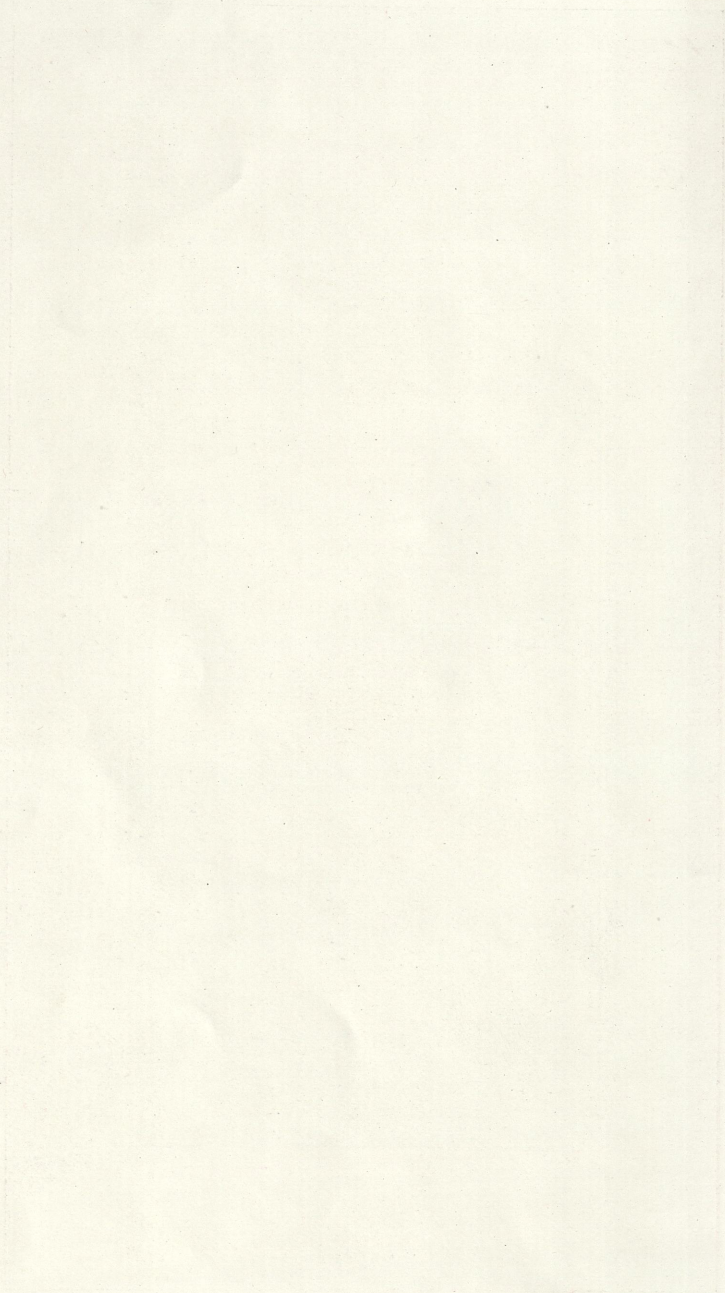


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and the subject is in relief, being glass on glass.



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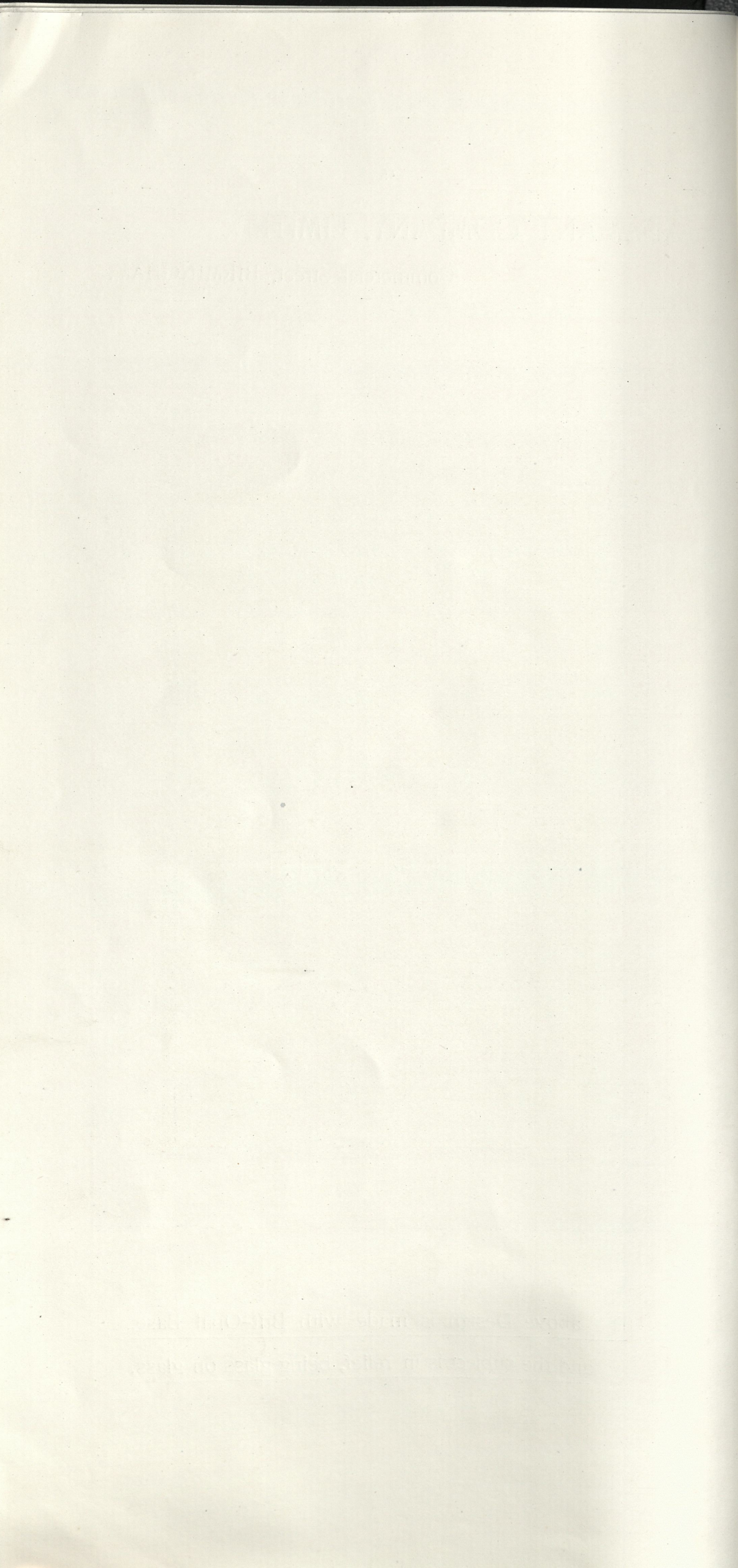
Commercial Street, BIRMINGHAM.

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The above Design is made with Brit-Opal Base,  
and the subject is in relief, being glass on glass.

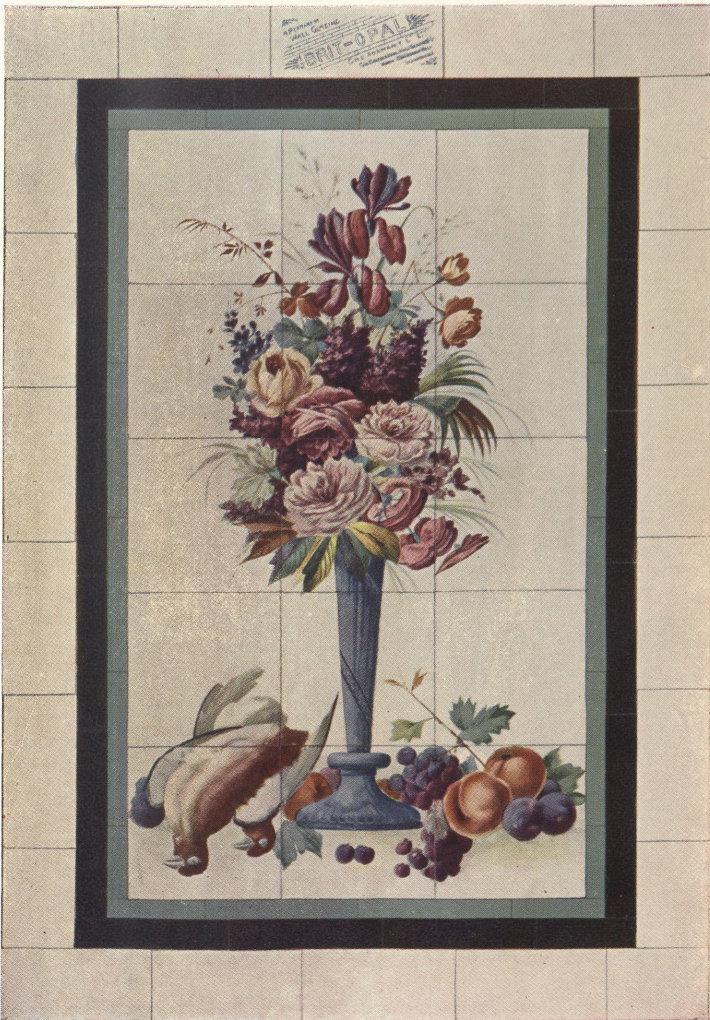






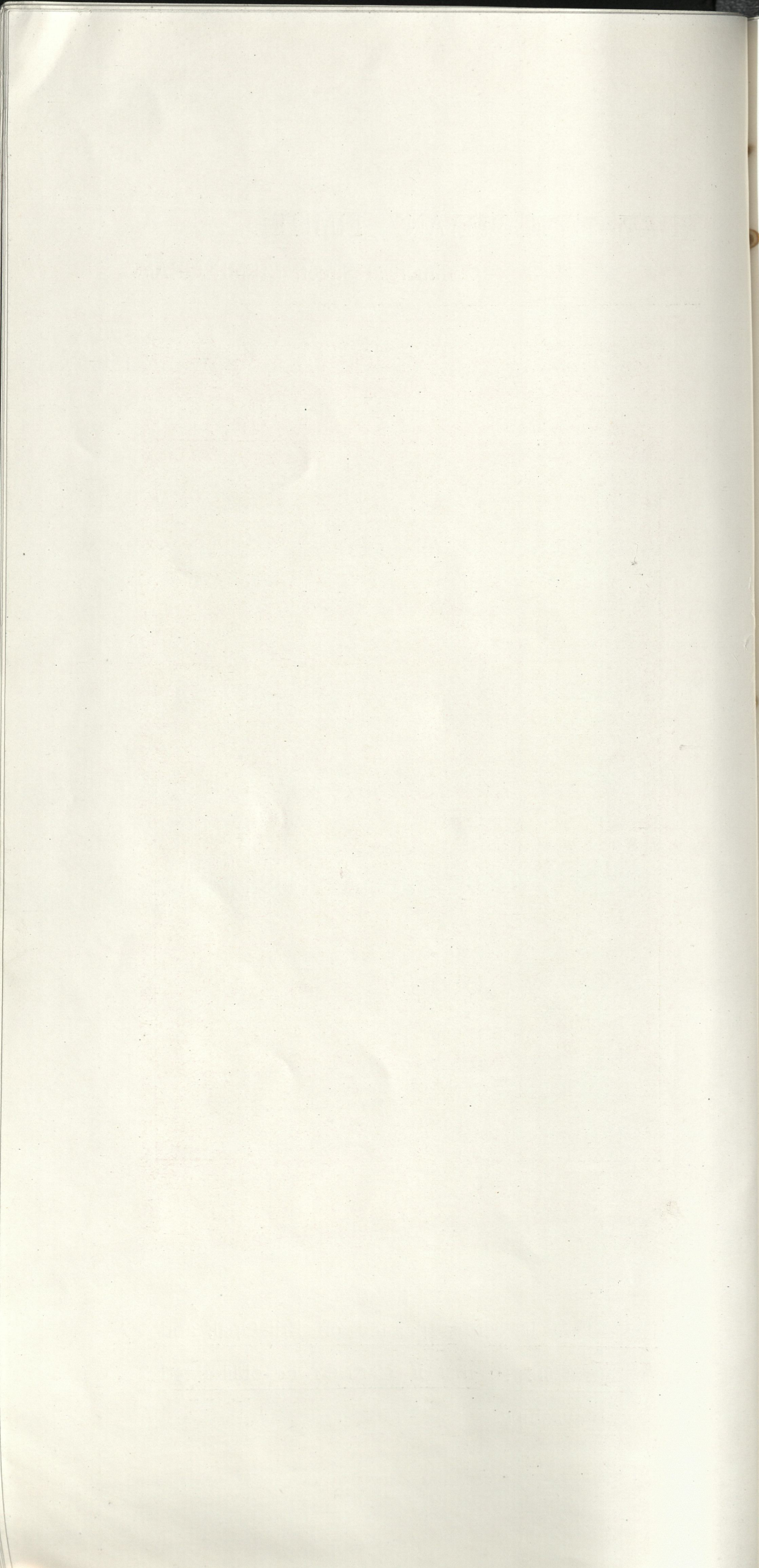
## ADAMANT COMPANY, LIMITED,

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This Floral Design is painted on Brit-Opal, and  
burnt in, so that it CANNOT be obliterated  
by washing.

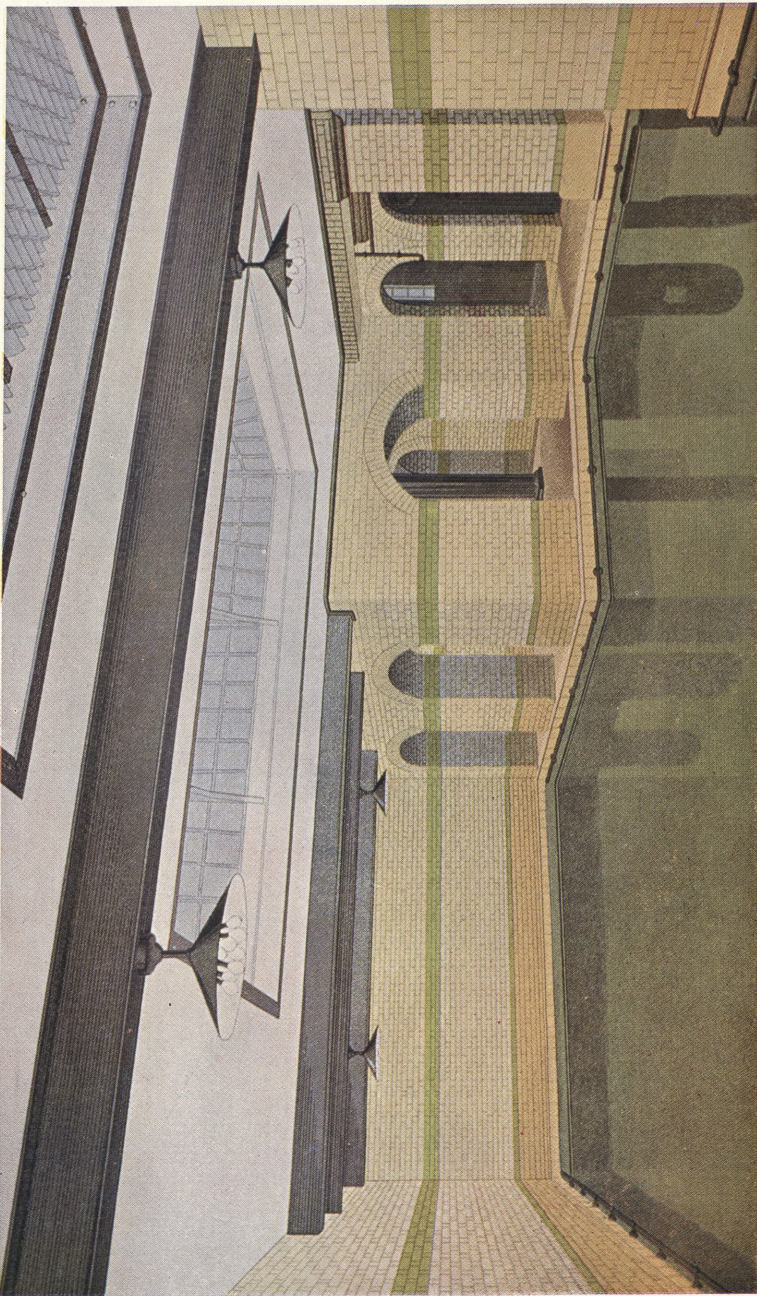






## ADAMANT COMPANY, LIMITED,

Commercial Street, BIRMINGHAM.



Public Swimming Baths, inclusive of Walls,  
Divisions for Dressing Rooms, from three-  
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ness, and of any size.



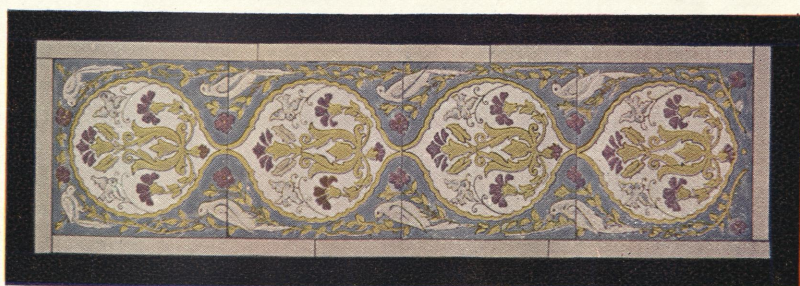






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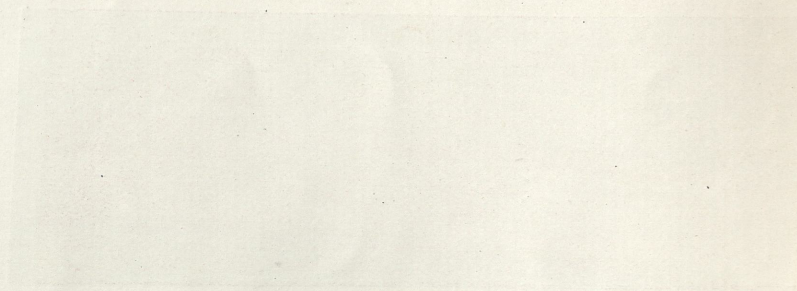
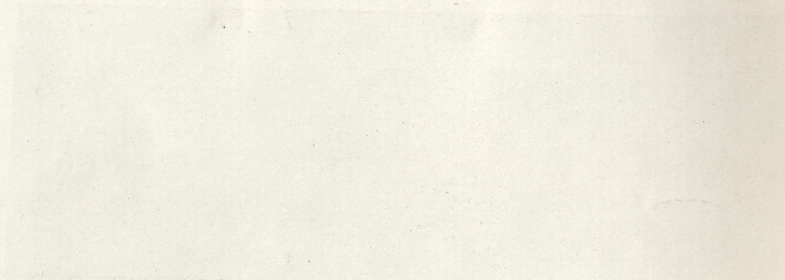
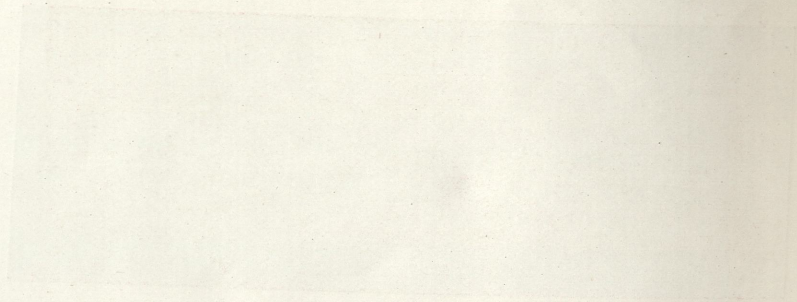
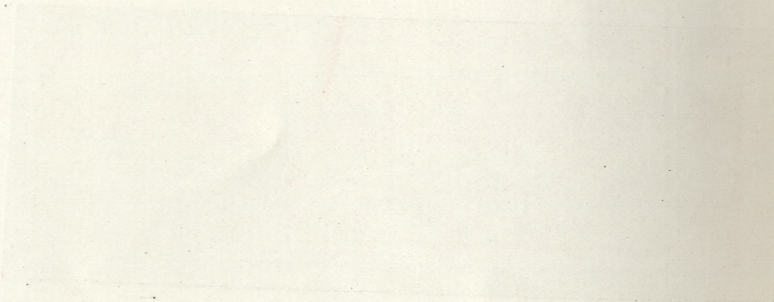


Special designs for Fire-place Jambs, etc., carried  
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Architects' designs quoted for to any amount.

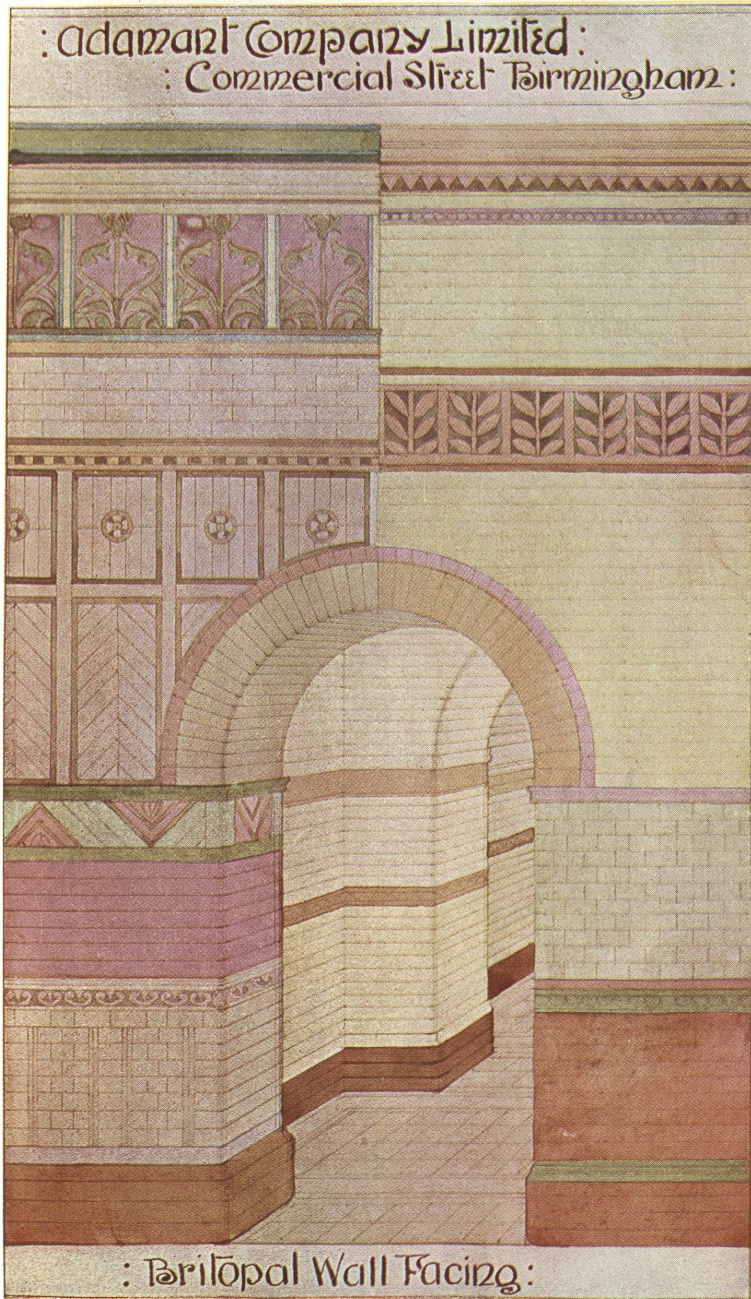


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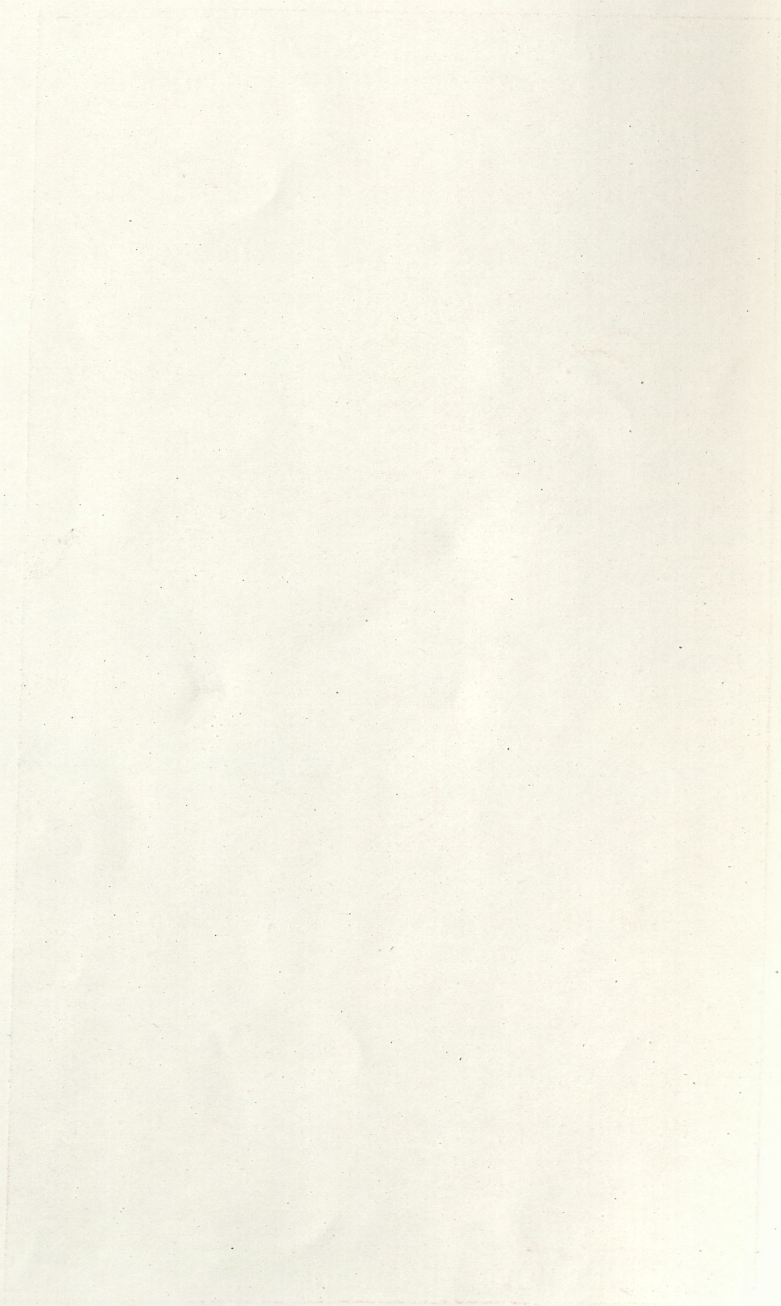




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ARCHITECTURAL PROFESSION.

Any design carried out; Arches, plain or orna-  
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and fixed in Special Cement.

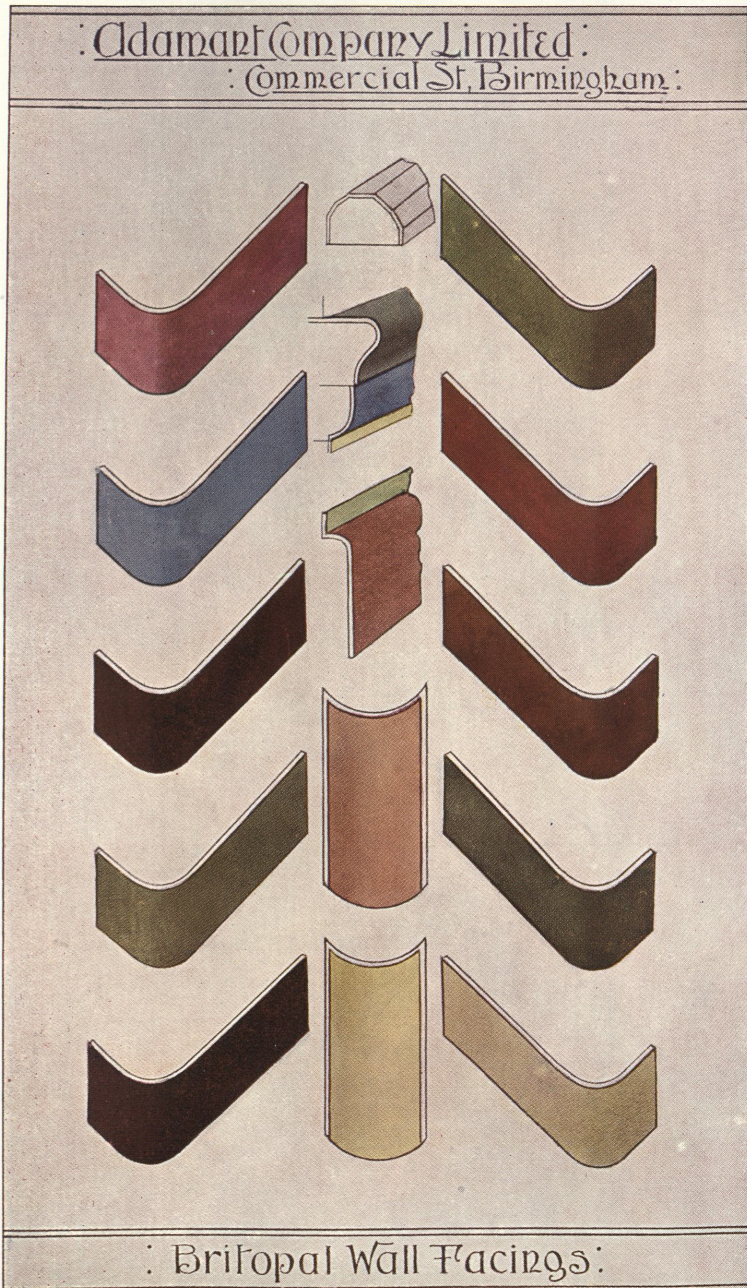




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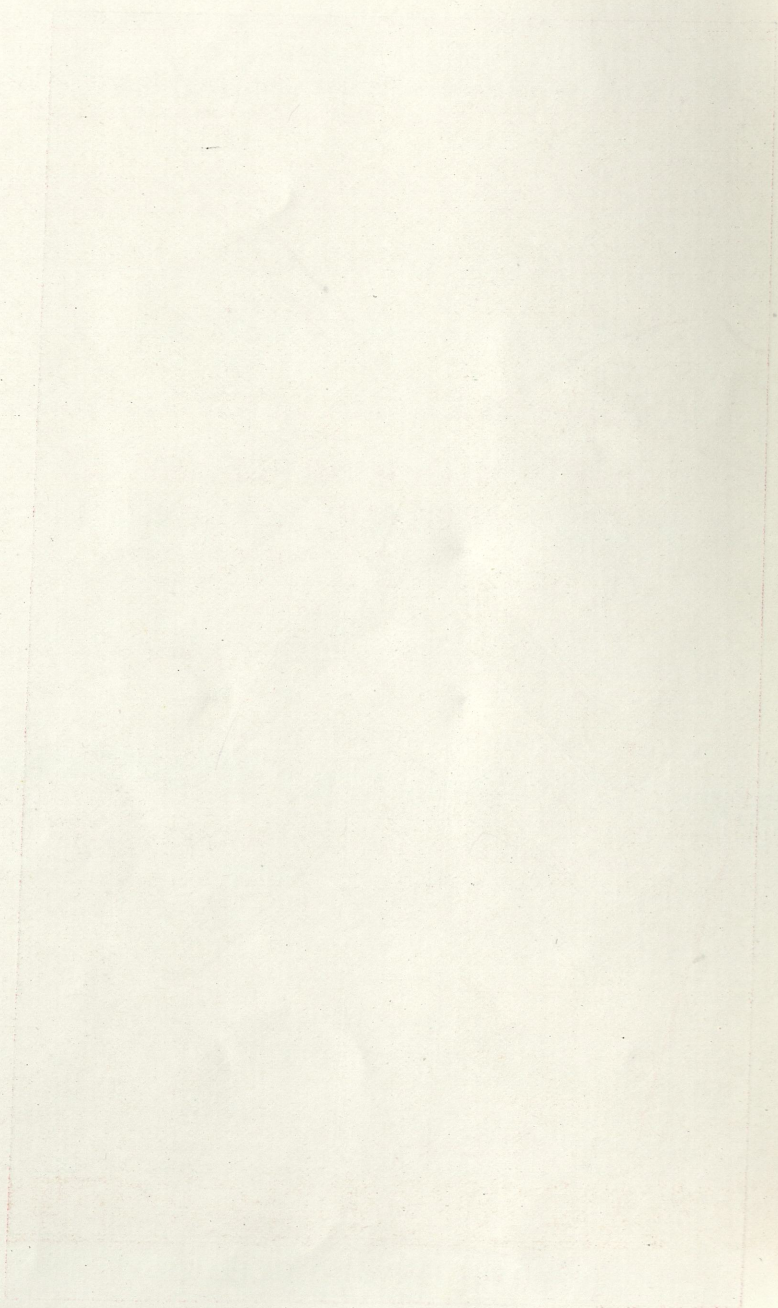


# ANGLES AND MOULDINGS.



Bends, Angles, Bull-noses, Quadrants, Curbing,  
Moulding for Dados, and Fire-place Curbs,  
prepared to order.





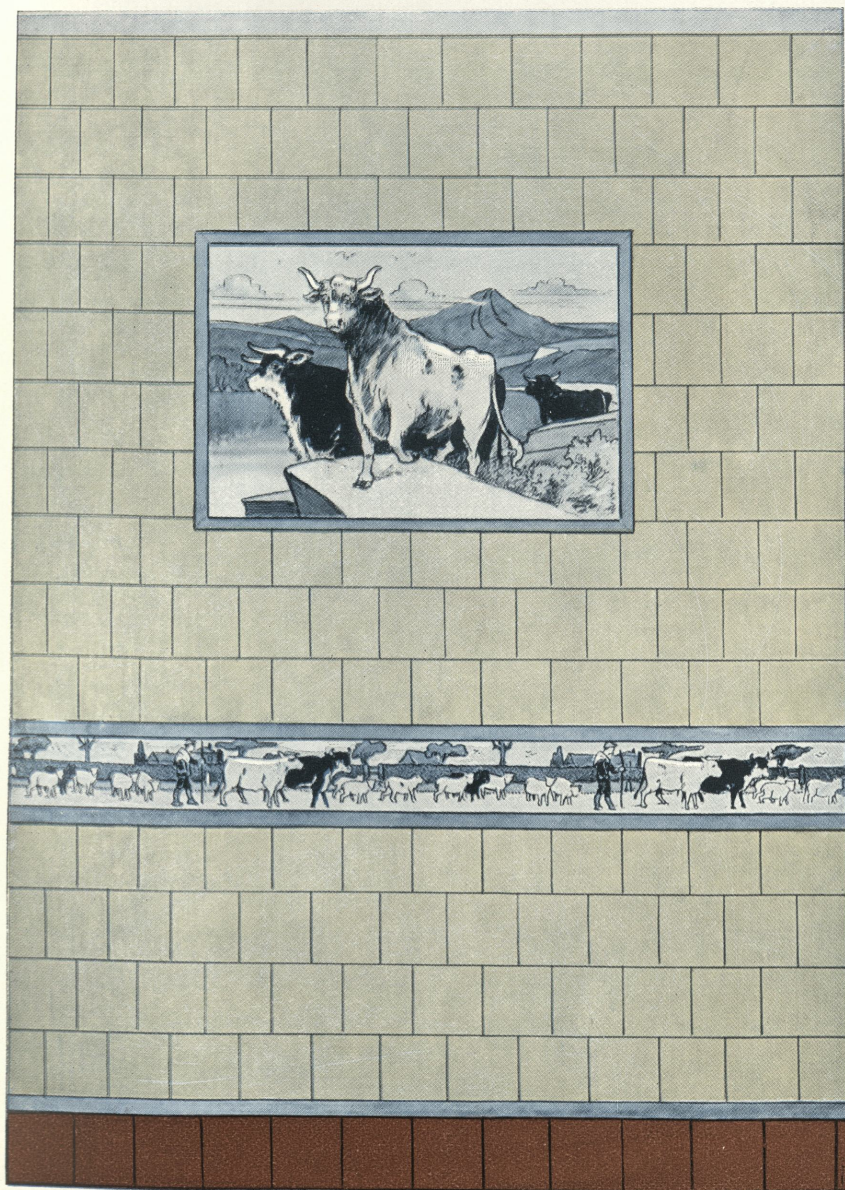
Ben's, Apple, Potatoes, Onions, Cabbages  
Moulding for Lanes and Fire-places  
prepared to order



## ADAMANT COMPANY, LIMITED,

Commercial Street, BIRMINGHAM.

SHOP WALLS, &amp;c.



The most suitable material for cleanliness, &c. ;  
can be washed with hose pipe without injury.







*The "BIRMINGHAM MAGAZINE" writes  
as follows :*

IT is an indisputable fact and one which we gladly welcome, that architects are giving great consideration to hygienic principles for the construction of our homes and places where we have to pass much of our time, and this not only to the mere building, but to the æsthetic side, calling to their aid the decorative artist and the scientist.

These are points we wish to accentuate, for their importance is not fully realised, or the existence of the suburban "jerry-builder" would indeed be a short lived one.

Probably in no department of the builders' work have such rapid strides been made as in that appertaining to matters of health, both with respect to construction and materials. It is therefore extremely gratifying to us to state that Birmingham has largely contributed to the good work. No greater evidence of this could we desire than to call attention to that noble edifice—our new General Hospital, for it is the most perfect example in the Empire, if not in the world. We look to such buildings as types of what a sanitarian would delight in seeing constructed, therefore building materials which are suitable for such a purpose are eminently so for use in our dwellings.

Conspicuous amongst such materials are the manufactures of the Adamant Company, Limited, of Commercial Street, and through the courtesy of their Managing Director, Mr. John Wilkinson, we are enabled to illustrate these pages with a few photographs of work executed in Adamant.



One view represents an interior with the decorations entirely carried out in Adamant—ceiling, pillars, and mouldings. Another, the exterior view, is that of the Adamant Co.'s Works, and here all the arches, heads, sills, and the whole of the balustrade are executed in granolithic. Of the remaining two photographs—both works in Adamant in Birmingham buildings—one shows a fine arched ceiling, and the other a graceful domed and elaborately decorated one.

**Advantages of**  
**Adamant over**  
**ordinary Plastering,**  
**and its increasing**  
**popularity.**

There are many advantages possessed by Adamant over lime plastering, apart from the two main points we wish to keep before our readers, that would easily place it in front of the old-fashioned and cumbersome style of doing work. And, when considered from hygienic and artistic standpoints, there is no question but that its introduction has not only entirely fulfilled the anticipations of its makers, but has met all the requirements for making perfect walls and ceilings.

Adamant is non-absorbent, thus it repels all contagious matter and, as its name suggests, is proof against the attacks of such enemies as pestilential vermin. It lends every assistance to the decorators' art, and the surface takes a very high polish. When we consider the weary weeks of waiting for ordinary plaster to dry—with its early decay, shrinking and



cracking—we are profoundly grateful for the inestimable benefits conferred by this enterprising firm in so providing for the beauty and health of our homes and public buildings.

In the new General Hospital, before mentioned, Adamant was used exclusively, and so largely has this material been adopted that we refrain from adding the names of the numerous other local buildings where it has been selected. Throughout the country, asylums, workhouses, hospitals, schools, churches, mansions, cottages, hotels, banks, and stations have been plastered in Adamant, while work in progress may be seen at the Great Central Railway Station, London ; University College Hospital, London ; and the Hotel Majestic, Harrogate, each of which have been in execution more than two years, the contracts representing large sums.

**Adamant Fire**  
**and Sound-proof**  
**Partitions,**  
**Floorings, and**  
**Ceilings.**

Not content with the success of “Adamant,” after a long course of experiments the manager has introduced a remarkably simple but effective fire and sound-proof partition and flooring and ceiling. He has also succeeded in producing Granolithic pavements and staircases—Birmingham Waterproof Cement—pugging and fibrous slabs, and last but not least, a beautiful surfacing glass.



Brit-Opal  
an excellent  
substitute for  
Glazed Bricks  
and Tiles.

“Brit-Opal” is now rapidly taking the place of glazed brickwork and tiles, being less in cost, equally durable, and at same time very artistic, for, lending itself to every variety of tint and combination of colours, it does away with the unsightly joints which seem inseparable from enamelled brickwork and tiling.

The Company also make ornamental dentils, capitals, cornices, ceiling, centres, dicheral, and other shields and panels, mouldings, rosettes, &c., to suit all styles of architecture.

Another advantage we have omitted to mention is that Adamant can be applied by any good workman, and is specified for by architects wherever really satisfactory work is required ; and, further, Adamant has been awarded the gold medal of excellence by the American Institute of New York, and the bronze medal at the Electrical and Industrial Exhibition Birmingham, in fact receiving the highest awards wherever exhibited, proof of which the coloured designs will show, having been taken from work executed by the Company.



## ADAMANT COMPANY, LIMITED,

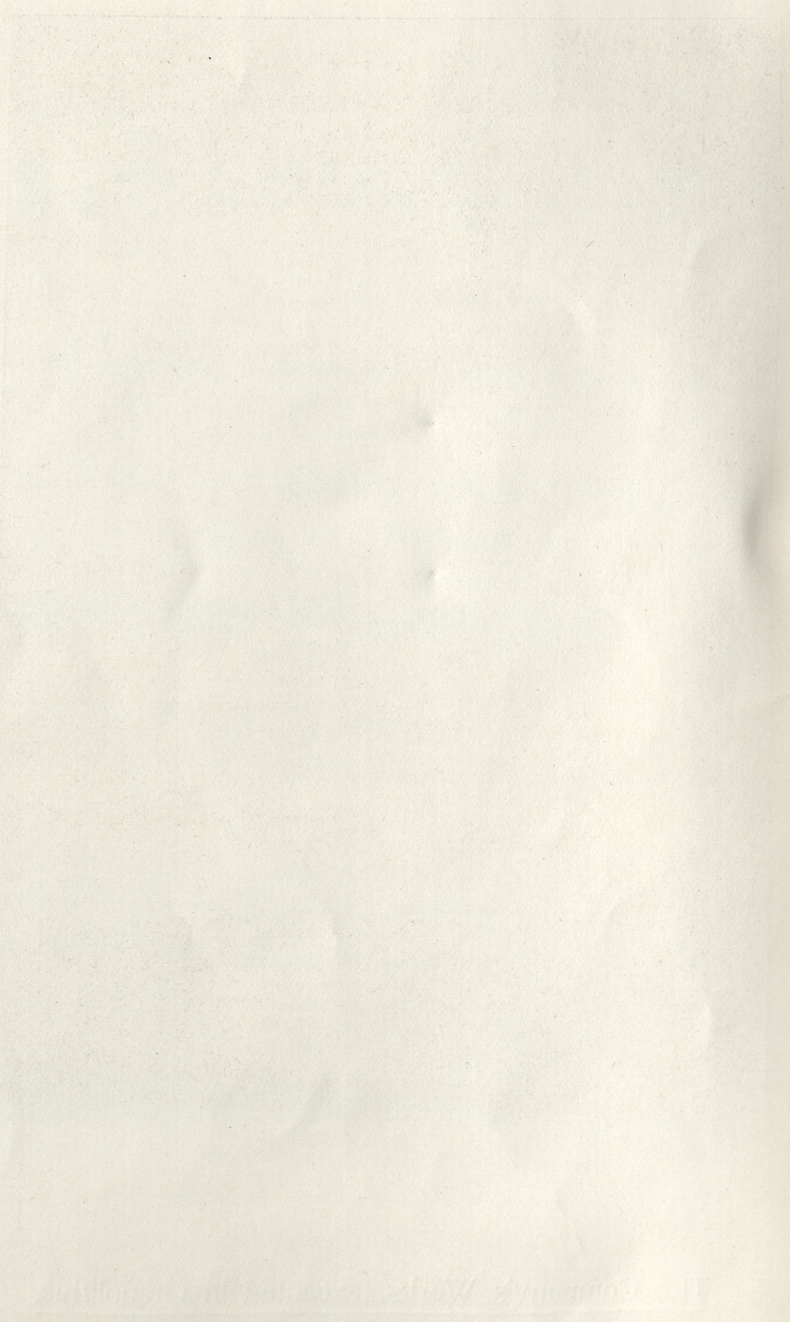
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The Company's Works, executed in Granolithic.



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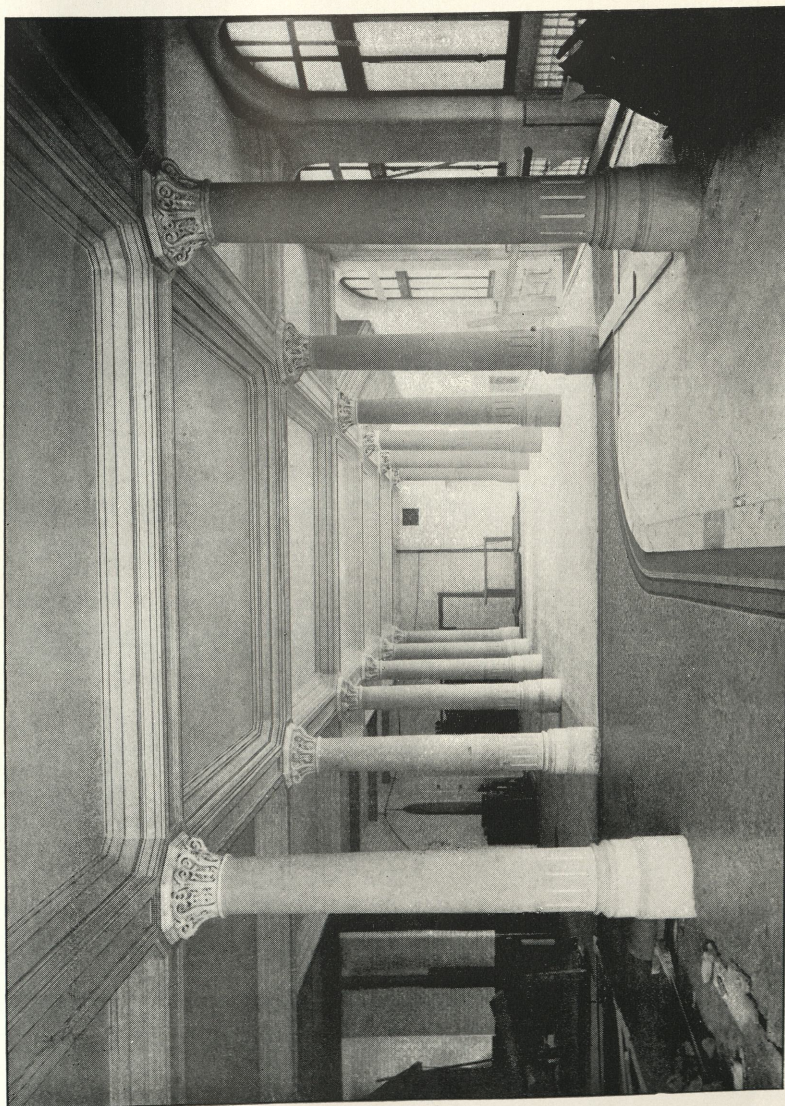




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All executed in Adamant in London Factory.

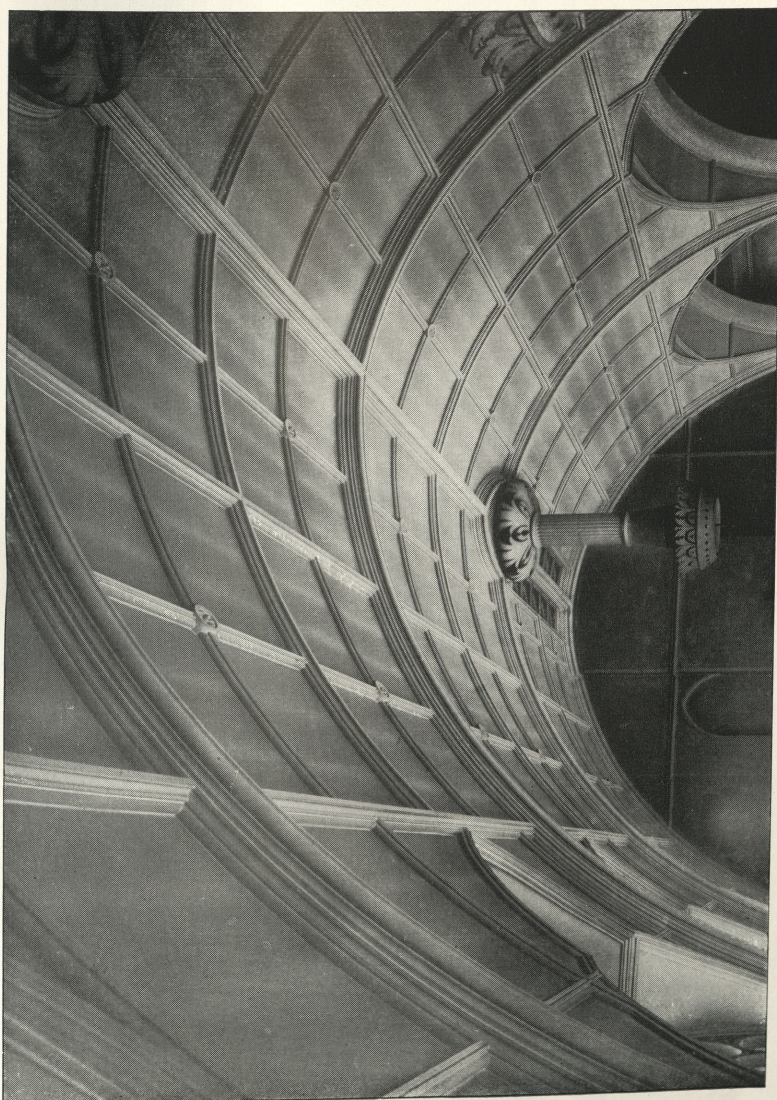






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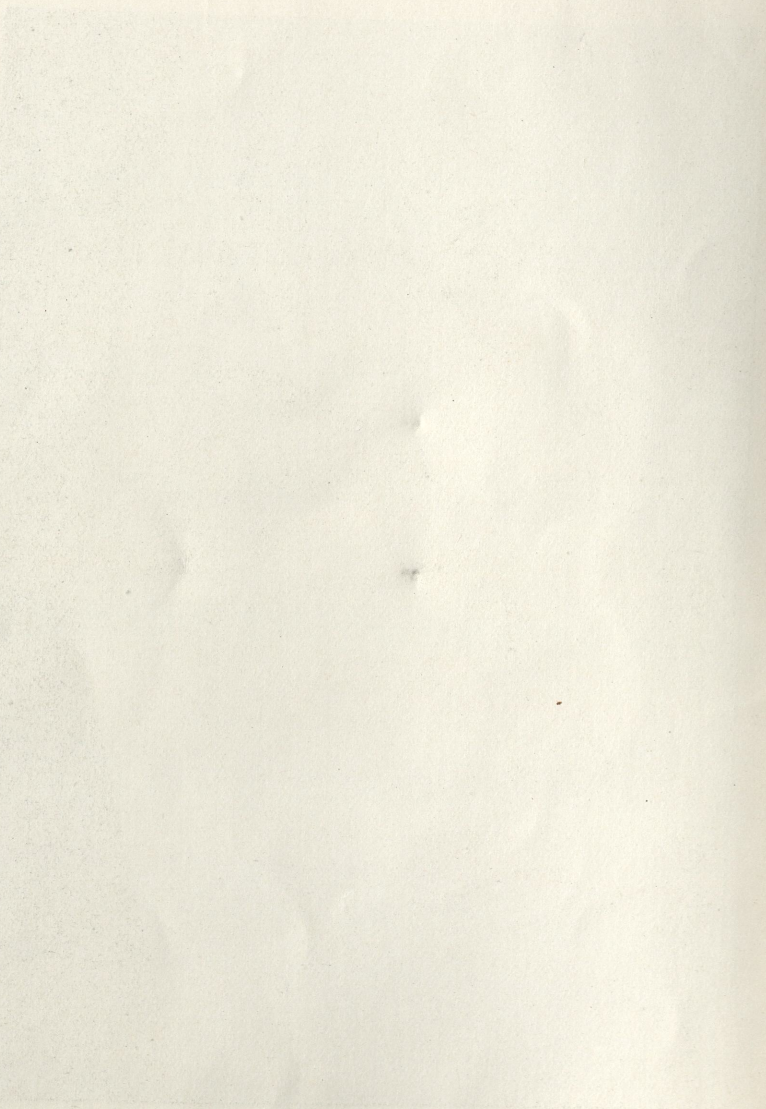
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THE ADAMANT COMPANY



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COALBOURNHILL GLASS WORKS,  
COALBOURNBROOK, STOURBRIDGE.

REGISTERED TRADE MARK—BRIT-OPAL.

## BRITISH OPAL—MADE AT STOURBRIDGE.

We desire to bring to your notice our "Brit-Opal" Wall Glazing, and to ask your careful consideration of the advantages it undoubtedly possesses over other glazing produced by the older processes now in use.

Our process of manufacture enables us to offer an article free from the objectionable tendency to crack and craze after it is fixed upon walls or other surfaces, to which it is applied, thus avoiding a defect which, in the trade, has been found to be a serious objection to the use of the wall glazings manufactured and fixed by the older processes now in use.

We have found that this somewhat ready tendency to crack and craze is attributable to two causes: firstly, to the furnacing or heating of the sheets or slabs of glass used for the purpose of fluxing a key or granular backing thereon after the glass has been once annealed, and the consequent production of a backing which does not possess a surface of an uniformly even character; and, secondly, by the employment of a cement for affixing the glazing to the walls or other surfaces to which it is applied which does not possess the quality of elasticity.

We are enabled to avoid the first great defect by the use of a new process recently perfected by us as a result of extensive experiments, by which we produce a backing of an uniformly even character, firmly united with the glass sheets or slabs, which may be of any size or shape, and **entirely dispensing with firing or furnacing the glass of whatever shape after it has been once annealed.**

For fixing "Brit-Opal" glazing to walls or other surfaces we have also succeeded in obtaining a reliable cement, so elastic in character as to entirely avoid all risk of cracking and crazing.



The "Brit-Opal" Glazing, produced by the improved non-firing process above described, and the use of the Elastic Cement, places the Company in the position of being able to insure that all surfaces covered by it will be permanent, and that the "Brit-Opal" Tiles or Slabs shall have the highly important and satisfactory characteristic of neither cracking or crazing, a feature possessed by no other process or manufacture.

The Company's own productions are supplied in a variety of tints, and can be formed to Bullnoses, Angles, Beads, Mouldings, Dados, Friezes, Borders, &c. and Architects' own designs can be carried out.

There are no unsightly joints; it is unstainable; resists acids, and can easily be repaired.

It is not effected by heat or extreme cold, and is admirably adapted for Tunnels, Subways, Basements, Strong Rooms, Engine Rooms, Sewers, Lavatories, Bath Rooms, Swimming Baths, Laundries, Stables, Cellars, Kitchens, Hospitals, Mortuaries, Operating Rooms, Bakeries, Dairies, and Shops of every description.

For Sanitary purposes it is invaluable, as the "Brit-Opal" can be so fixed that no lodgment of germs can take place, and the whole surface can be washed or cleansed without any damage whatever resulting thereto.

This process also enables us to manufacture the "Brit-Opal" more expeditiously than before, and we shall be pleased to furnish estimates, free of charge, for all kinds of work.

Our extensive works, which are wholly in England, are capable of turning out large quantities, and many of the colours which we make in Opal Glass cannot be obtained elsewhere.

We produce thin division slabs for W.C.'s, Private Baths, Dressing Rooms, Lavatories, and Urinals, any size up to 7 ft. high by 6 ft. 6 inches wide and only  $\frac{3}{4}$  inch thick. They are covered both sides with the new "Brit-Opal" and are practically unbreakable.

Specimens of "Brit-Opal" work, including Slabs which have been subjected to severe tests in Turkish Baths and Cold Storage Depots, can be seen at the Company's offices.

We shall be glad to supply any further information, and trust that you will give us the opportunity of quoting for any work you have in view.

Yours faithfully,

**JOHN WILKINSON,**

*Managing Director.*



